**Project Progress:**

1. Download Code Composer Studio

Email: chiyo975@gmail.com

PW: UBCBEST

or Eclipse

(Set up: <https://www.youtube.com/watch?v=N6mc8K1BZhE>)

2. Import Files

Detail on the implementation:

**Main.c**

Calls getVoltage()

**ADC.c**

-samples adc

-avg\_adc = average the samples

-ADC\_TO\_Voltage (ADC -> voltage conversion)

-returns voltage back to main

Note:

Make sure to connect pin 1.0 (the input voltage)

The ground wire to the ground \*\* important\*\*

ADC.c

Will contain the information for reading the voltage from this pin

Converts ADC to voltage values (Analog to Digital)

**Next Steps:**

1. Want to display the voltage given from the electrical team (which is a reading of the light) to the LCD screen (for user to know if light is in the safe or danger zone)